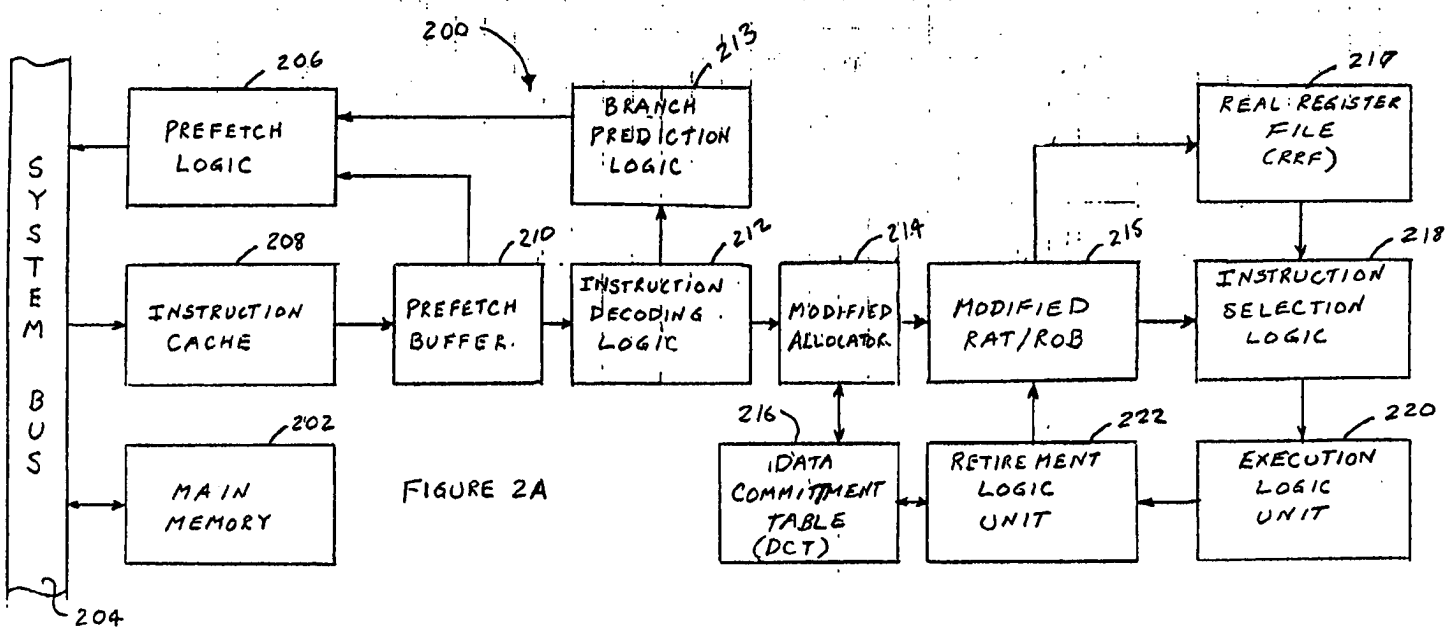

FIGURE 2A

MODIFIED REORDER BUFFER 215

ENTRY INDEX	VALID DATA	EXEC FLAG	MEMORY ADDRESS	INSTRUCTION	ALIAS REGISTERS	
0						
1						
2						
3						
4						START-OF BUFFER
5						
:						
•						
33						
34						END-OF-BUFFER
35						
36						
37						
38						
39						

FIGURE 2B

DATA COMMITTMENT TABLE 216

REAL REGISTERS	COMMITTED VALUE LOC FIG	ROB ENTRY INDEX
EAX		
EBX		
ECX		
EDX		
ESI		
EDI		
EBP		
ESP		
TMP1		
TMP2		
:		
TMPn-3		
TMPn-2		
TMPn-1		
TMPn		

FIGURE 2C

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